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April 21, 2004

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MARTIN J. WEGMAN (1918-1977)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the

United States Postal Service as first class mail in an envelope

addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria,

In re Application of

Inventor

: Wickersham, et al.

Serial No.

: 10/018,406

Filed

: December 13, 2001

Title : SPUTTER

OF VA 22313-1450 TARGETS. AND **METHODS** MANUFACTURING SAME TO REDUCE EMISSION DURING

**SPUTTERING** 

Examiner

: Melvyn J. Andrews

Art Unit

: 1742

Docket

: TSO 190 P2

Customer No. 33805

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith is the following in the above-identified patent application:

Fee Transmittal (1 page);

XXAmendment (6 pages);

Petition for Extension of Time (1 page); XX

XXSupplemental Information Disclosure Transmittal (1 page);

Supplemental Information Disclosure (2 pages);

Two (2) References and

A check in the amount of \$ 600.00. The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required by this paper, or to credit any overpayment, to Deposit Account No. 502431. Two copies of this sheet are enclosed.

> Respectfully submitted, WEGMAN, HESSLER & VANDERBURG

Bruce Beary-By Bruce E. Peacock

Reg. No. 28,457

Date: April 21, 2004

<sup>\*</sup> California and Missouri only

<sup>\*\*</sup> Registered Patent Attorney

APR 2 3 2004 35

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
tion Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Complete if Known				
Application Number	10/018,406			
Filing Date	April 21, 2004			
First Named Inventor	Wickersham, et al.			
Examiner Name	Melvyn J. Andrews			
Art Unit	1742			
Attorney Docket No.	TSO 190 P2			

Check   Credit Card   Money   Other   None   Order   Other   Order	METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Deposit Account:							
Code (s)							
Number   Deposit   Account   Name   Deposit   Account   Deposit   Account   Deposit   Account   Deposit   Account   Deposit   Account   Deposit   Depos	Deposit 502431					Fee Description	Fee Paid
Account Name The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments to the above-identified deposit account.  FEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid 1001 770 2001 385 Utility filing fee 1002 340 2002 170 Design filing fee 1002 340 2002 170 Design filing fee 1003 530 2003 285 Plant filing fee 1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee 1005 160 2005 80 Provisional filing fee 1006 750 2005 80 Provisional filing fee 1007 50 1007 750 2004 385 Reissue filing fee 1008 500 2009 2003 185 Willing fee 1009 750 2009 2009 2009 2009 2009 2009 2009 20	Number	1051	130	2051	65	Surcharge - late filing fee or oath	
1053   130   105	Account	1052	50	2052	25		
Charge fee(s) indicated below			130	1053	130	Non-English specification	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.   1805 1,840*			2,520	1812	2,520	For filing a request for ex parte reexamination	
Test			920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1. BASIC FILING FEE   Large Entity   Small Entity   Fee Fee   Fee Fee   Fee Fee   Start Claims   Delay   Fee Paid   Substitute   Subs			1,840*	1805	1,840°		
1. BASIC FILING FEE   Large Entity   Small Entity   Fee   Fee   Description   Fee   Paid   1253   950   2253   475   Extension for reply within fourth month   420.00			110	2251	55		
1. SASIC FILING FIEL   1. Small Entity   1. Sm		1252			210	* •	
Code (\$)   Code (\$)   Code (\$)	Large Entity Small Entity	_				• •	420.00
1001 770   2001 385		1254	1,480	2254	740	Extension for reply within fourth month	
1003 530   2003 265   Plant filing fee   1004 770   2004 385   Reissue filing fee   1402 330   2402 165   Filing a brief in support of an appeal   1403 290 2403 145   Request for oral hearing   1403 2403 2403 2403 2403 2403 2403 2403 2	* * * * * * * * * * * * * * * * * * * *	1255	2,010	2255	1,005	Extension for reply within fifth month	
1004 770   2004 385   Reissue filing fee   1005 160   2005 80   Provisional filing fee   1451 1,510   1451 1,510   Petition to institute a public use proceeding   1451 1,510   1451 1,510   Petition to revive - unavoidable   1452 110   1452 110   1452 110   1451 1,510   Petition to revive - unavoidable   1453 1,330   1458   Petition to revive - unintentional   1451 1,510   1451 1,510   Petition to revive - unintentional   1452 110   1452 110   1451 1,510   Petition to revive - unintentional   1453 1,330   1458   Petition to revive - unintentional   1453 1,330   1459   Petition to revive - unintentional   1453 1,3	1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1451 1,510   145	1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
SUBTOTAL (1) (\$)	1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Claims	1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Claims below Fee Paid   1501 1,330   2501   665 Utility issue fee (or reissue)   1502 480   2502 240 Design issue fee   1503 640   2503 320 Plant issue fee   1503 640   130 Petitions to the Commissioner   1807 50   1807 50 Processing fee under 37 CFR 1.17(q)   1806 180   1806 180 Submission of Information Disclosure Stmt   180.00   1802 180   2202 9 Claims in excess of 3   1203 290   2203 145 Multiple dependent claims in excess of 3   1204 86   2204 43 "Reissue independent claims over original patent   1801 770   2810 385 Request for Continued Examination of a design application   1802 900 Request for expedited examination of a design application   1804 Pagic Ellips For Paid   1805 Petition to revive - unintentional   1606 Utility issue fee   1606 Utility issue fee   1607 0 1807 0	SUBTOTAL (1) (\$)		110	2452	55	Petition to revive - unavoidable	
Total Claims Independent Claims Independent Claims Multiple Dependent  Large Entity   Small Entity Fee Fee Code (\$)   Code (\$)    1202 18   2202 9   Claims in excess of 20 1201 86   2201 43   Independent claims in excess of 3 1203 290   2203 145   Multiple dependent claims, if not paid 1204 86   2204 43 "Reissue claims in excess of 20 and over original patent    1807 1807 1807 1807 1807 1808 180 Submission of Information Disclosure Stmt 180.00  1809 770   2809 385 Foi each additional invention to be examined (37 CFR 1.129(a))  1806 180 180 385 For each additional invention to be examined (37 CFR 1.129(b))  1807 1807 1807 1808 180 Submission of Information Disclosure Stmt 180.00  1809 770 2801 385 For each additional invention to be examined (37 CFR 1.129(b))  1808 1809 1802 900 1802 900 Request for expedited examination of a design application  1809 1802 900 1802 900 Request for expedited examination of a design application  1809 1808 1808 1808 1808 1808 1808 1808			1,330	2453	665	Petition to revive - unintentional	
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Independent Claims  Multiple Dependent  Large Entity   Small Entity   Fee   Fe		1502	480	2502	240	Design issue fee	
Multiple Dependent  Large Entity   Small Entity   Small Entity   Fee   Fee   Fee   Fee   Code (\$)    1202   18   2202   9   Claims in excess of 20    1201   86   2201   43   Independent claims in excess of 3    1203   290   2203   145   Multiple dependent claims over original patent    1204   86   2204   43   ** Reissue independent claims over original patent    1205   18   2205   9 ** Reissue claims in excess of 20    1206   18   2205   9 ** Reissue claims in excess of 20    1207   1806   180   1806   180   Submission of Information Disclosure Stmt    1807   50   1807   50   Processing fee under 37 CFR 1.17(q)    1808   180   Submission of Information Disclosure Stmt    1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))    1809   770   2810   385   For each additional invention to be examined (37 CFR 1.129(b))    1801   770   2801   385   Request for Continued Examination (RCE)    1801   770   2801   385   Request for expedited examination of a design application    1800   1801   1802	Lindonondont = "" = " = " = " = " = " =	1503	640	2503	320	Plant issue fee	
Large Entity   Small Entity   Fee Fee Fee Code (\$)   Fee Description   1807   50   1807   50   Processing fee under 37 CFR 1.17(q)   180.00	Cialitis	1460	130	1460	130	Petitions to the Commissioner	
Fee Fee Code (\$)  1202 18  1202 9 Claims in excess of 20  1201 86  1202 14 Independent claims in excess of 3  1203 290  1204 43 Whitiple dependent claims in excess of 3  1204 86  1204 43 ** Reissue independent claims over original patent  1205 18  1205 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2)  [8021 40 Recording each patent assignment per property (times number of properties)  1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))  1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1801 770 2801 385 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  **Reduced by Rasic Filing Fee Paid	` ` <u> </u>	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
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1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims, if not paid 1204 86 2204 43 ** Reissue independent claims over original patent		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
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over original patent  1801 770 2801 385 Request for Continued Examination (RCE)  1802 900 Request for expedited examination of a design application  SUBTOTAL (2) (\$) 0  **Reduced by Racio Filing Foo Poid		.510		2010	. 505		
and over original patent  Other fee (specify)  SUBTOTAL (2)  (\$) 0  Padveed by Basic Filing Fee Paid		1801	770	2801	385	Request for Continued Examination (RCE)	
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	SUBTOTAL (2) (\$) 0		Other fee (specify)				
	**or number previously paid, if greater; For Reissues, see above	*Redu	ced by	Basic F	Filing Fe	ee Paid SUBTOTAL (3) (\$) 600.0	0

SUBMITTED BY

Name (Print/Type)

Bruce E. Peacock

Registration No. (Attorney/Agent)

Signature

(Complete (if applicable))

Telephone 216-642-3342

Date April 21, 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.